

**MULTICHANNEL COMMUNICATIONS LINK RECEIVER
HAVING PARALLEL OPTICAL COMPONENTS**

Abstract of the Disclosure

5 A receiver portion of a multichannel communications
link uses optical components to receive data in parallel.
Further, the receiver portion of the link provides various
functions, including clock recovery, clock-to-data alignment
and deskewing. The clock-to-data alignment provides for a
10 dynamically adjusted clock that is used to regulate the
output flow of data from the receiver portion, either in
parallel or in series.